



Reflections Detailing
Sydney City Marine
37 James Craig Rd
ROZELLE NSW 2039

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Email: Admin@ReflectionsDetailing.com.au

Confined Space Permit to Work

Work Order No:					
Location of Works:	Sydney City Marine Wet Berth RT Sensation Aft Ballast + Peak Ballast Tank 18 S				
Description of Works:	Inspect + survey void				
Issue Date:	Tue 26 MAY 26	Time:	09:53	Valid to:	18:00
Risk Assessment Attached & Completed:	YES	Site Induction Required:	YES		
Confined Space Authoriser:	A Tuckey 0411701570	Cert No	260526-02		

Requirements

Entrants PPE	
Respirator	
Breathing Apparatus	
Eye Protection	X
Hard Hat	
Hand Protection	X
Protective Clothing	
Hearing Protection	X
Lifeline	
Harness	X

Other	
Mechanical Ventillation	X
Fire Extinguisher	
Gas Meter	X
Eye Wash	X
2-way Communication	X
Confined Space Signage	X
Safety Barriers	
Intrinsically Safe Equipment Only	
1st Aid Kit	X

Paperwork to Attach	
Rescue Plan	X
Entry Register	X
JSA	X
MSDS	
Hot Works	

Rescue	
Harness	X
2-way communication	X
Mobile Phone	X
Full Face Respirator	X
Breathing Apparatus	X
Rescue Winch	X
Chemical Suit	
Rescue Personnel	X

Isolations (Non Required X)			
Power to be Tagged		Waste Pump to be Tagged	
Fuel Pump to be Tagged		Ventillation to be Tagged	
Fire Systems to be Tagged		Compressor to be Tagged	
Isolations Removed			

Authorised By:

A Tuckey

Closed By:

A Tuckey



Reflections Detailing
Sydney City Centre
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Sydney NSW 2000

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JSA - Confined Spaces

JSA Prepared By:	Andrew Tuckey	Last Reviewed:	T/O ORT B21	Read & Understood By:	
Description of Work:	Inspect + survey	Andrew Tuckey			
Vessel/Location:	RT Sensation	Aunt Nanyman			
JSA No:	JSA01	P.A. MORGAN			
JSA Completed By:	A Tuckey	SAMMY TIEN			
Date:	26/5/20				

Possible Hazards	Risks Without Controls	Control Measure To Be Used
☒ Manual handling heavy equipment	☒ Muscle strain ☒ Dropping & damaging equipment ☒ Damaging site	☒ Follow Manual Handling SWP ☒ Use mechanical lifts where possible ☒ Adequately protect work area & access way ☒ Gloves ☒ Safety boots
☐ Chemical spills	☐ Fumes ☐ Burns ☐ Environmental damage	☐ Lids to be checked secure before transport to work area ☐ Chemicals to be stored, transported & decanted in bunded containers ☐ Ensure work area & access way adequately protected ☐ Spill kit on hand ☐ Gloves ☐ Respirator ☐ Eye protection
☒ Use of 18V power tools	☒ Hand &/or eye injury ☒ Noise	☒ Gloves ☒ Eye protection ☒ Hearing protection
☒ Pedestrian hazards	☒ Trips	☒ Use signage &/or barriers around obstructions ☒ Maintain & tidy & organised work site
☐ Working at height	☐ Falls	☐ Barricading to be erected near falls
☐ Drop at entry	☐ Falls	☐ Harness & fall arrestor
☐ Opening unvented/closed space	☐ Dangerous gases ☐ Low oxygen ☐ Infection ☐ Skin irritants	☐ Barricading around entry ☐ Harness & fall arrestor to be used ☐ Ladders secure & suitable for task ☐ Follow Gas Test Atmosphere guidelines while opening space ☐ Check tank contents before opening ☐ Constantly monitor atmosphere around access panel ☐ Leave space open for 24 hours before accessing ☐ Disinfect opening & hatch ☐ Gloves ☐ Breathing apparatus ☐ Respirator ☐ Eye protection
☒ Working in unvented/closed space	☒ Low oxygen ☐ Flammable gases ☐ H2S gas ☒ Paint or chemical fumes	☒ Gas test atmosphere before entering space ☒ Constant gas monitoring ☒ Mechanically ventilate space ☐ Breathing apparatus ☐ Respirator
☐ Biological hazards	☐ Infection	☐ Flush & disinfect space before entry ☐ Regular use of disinfectant in space & on equipment ☐ Mechanically ventilate space ☐ Clean & disinfect tools before exit ☐ Breathing apparatus ☐ Respirator ☐ Chemical proof suit ☐ Gloves

REFLECTIONS

Detailing

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Possible Hazards	Risks Without Controls	Control Measures To Be Used
☐ Skin irritants	☐ Chemical burns ☐ Chemical fumes	☐ Mechanically ventilate space ☐ Flush space before entry ☐ Chemical proof suit ☐ Breathing apparatus ☐ Respirator ☐ Eye protection ☐ Gloves
☒ Exterior works	☒ Noise ☐ Fumes	☒ Arrange work in space around exterior works if possible ☒ Mechanically ventilate space ☒ Ensure permits & SWMS at project sign in station ☒ Hearing protection ☐ Constant gas monitoring ☐ Respirator
☐ Space filling when inside	☐ Drowning/engulfment	☐ Pumps to be locked out or tagged
☐ Use of electrical equipment	☐ Electrocutation ☐ Ignition source ☐ Short circuit/fire	☐ Use intrinsically safe equipment ☐ Mechanically ventilate space ☐ Check MSDS for flashpoints, ensure temp in space is below ☐ Use of RCD with 240v tools ☐ Dry powder fire extinguisher ☐ 240v equipment to be tested & tagged ☐ Use of waterproof plug protectors
☒ Distance or barriers between entrant & standby	☒ Difficulty communicating with or hearing entrant	☒ 2-way communication ☐ Regular vocal communication ☒ Video monitoring of entrant ☒ Regular life line communication
☐ Grinding &/or sanding in space	☐ Dust & flying debris ☐ Noise ☐ Sparks ☐ Injury	☐ Eye/face protection ☐ Ear protection ☐ Gloves ☐ Respirator ☐ Guards attached to angle grinders ☐ Mechanically ventilate space ☐ Hot works permit
☐ Space heated from hot water or sun	☐ Dehydration ☐ Heat exhaustion	☐ Drinking water on hand ☐ Mechanical ventilation ☐ Short shifts in space
☐ Pressure cleaning	☐ Flying debris ☐ Noise ☐ Burns	☐ Eye/face protection ☐ Gloves ☐ Ear protection
☐ Use of chemical cleaners, paints or welding gases	☐ Chemical burns ☐ Chemical fumes ☐ Eye irritation	☐ Chemical resistant clothing ☐ Gloves ☐ Eye/face protection ☐ Breathing apparatus ☐ Respirator ☐ Mechanically ventilate space ☐ Monitor STEL & TWA for CO exposure, or use breathing apparatus ☐ MSDS available
☒ Personnel left behind	☒ Injury/death	☒ Standby to be present until all entrants have signed out ☒ Check on sign out sheet all entrants out before closing permit
☒ Equipment left behind	☒ Cause pump blockage or other issues	☒ Reinspect/double check space after removing equipment
☒ Entrant unresponsive	☐ Ability to remove entrant by external means ☒ Unable to extract worker by external means	☒ Entrant(s) to be connected to winch at all times ☒ Rescue equipment on site ☒ Rescue personnel on site ☒ Harness to be worn by all entrants ☒ 2-way communication available for rescue entrant ☒ Mobile phone for contacting 1st aid & emergency services

Confined Space Entry Register

Year	1980	1981	1982	1983	1984
1980	1980	1981	1982	1983	1984
1981	1981	1982	1983	1984	1985
1982	1982	1983	1984	1985	1986
1983	1983	1984	1985	1986	1987
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1987	1987	1988	1989	1990	1991
1988	1988	1989	1990	1991	1992
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1998	1998	1999	2000	2001	2002
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2000	2000	2001	2002	2003	2004
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2002	2002	2003	2004	2005	2006
2003	2003	2004	2005	2006	2007
2004	2004	2005	2006	2007	2008
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2006	2006	2007	2008	2009	2010
2007	2007	2008	2009	2010	2011
2008	2008	2009	2010	2011	2012
2009	2009	2010	2011	2012	2013
2010	2010	2011	2012	2013	2014
2011	2011	2012	2013	2014	2015
2012	2012	2013	2014	2015	2016
2013	2013	2014	2015	2016	2017
2014	2014	2015	2016	2017	2018
2015	2015	2016	2017	2018	2019
2016	2016	2017	2018	2019	2020
2017	2017	2018	2019	2020	2021
2018	2018	2019	2020	2021	2022
2019	2019	2020	2021	2022	2023
2020	2020	2021	2022	2023	2024
2021	2021	2022	2023	2024	2025
2022	2022	2023	2024	2025	2026
2023	2023	2024	2025	2026	2027
2024	2024	2025	2026	2027	2028
2025	2025	2026	2027	2028	2029
2026	2026	2027	2028	2029	2030
2027	2027	2028	2029	2030	2031
2028	2028	2029	2030	2031	2032
2029	2029	2030	2031	2032	2033
2030	2030	2031	2032	2033	2034
2031	2031	2032	2033	2034	2035
2032	2032	2033	2034	2035	2036
2033	2033	2034	2035	2036	2037
2034	2034	2035	2036	2037	2038
2035	2035	2036	2037	2038	2039
2036	2036	2037	2038	2039	2040
2037	2037	2038	2039	2040	2041
2038	2038	2039	2040	2041	2042
2039	2039	2040	2041	2042	2043

Emergency Rescue Plan

Extraction Equipment List	
Harness	X
2-way communication	X
Mobile Phone	X
Respirator	X
Breathing Apparatus	X
Rescue Winch/Pulley	X
Chemical Suit	
1st Aid Kit	X

Emergency Names & Contacts	
1st Aid	Aadi 0908 752314
Rescue	Andrew 0411 701 570
Standby	SAMMY TIEN 0432 04746
Site Contact/Reception	8572 7800
Project Manager	Terin 0413 535 114
Emergency	000

If entrant is unresponsive in Confined Space, the standby person shall:

External Extraction Possible		• Check atmosphere • Check ventilation is working • Perform external extraction • Call 1st aid & 000 • Advise Site Office/Reception & Project Manager where to send emergency services
External Extraction NOT Possible	X	• Call Rescue & 1st Aid by radio or phone • Re-check atmosphere • Check ventilation is working • Standby person to brief Rescue & 1st Aid personnel of situation • Rescue entrant to don harness, spreader bar and BA if required. • Standby person to attach rescue winch or pulley to the rescuers harness • 1st aider to call 000, Site Office/Reception and Project Manager, advising them of the situation and what location (If the 1st aider has not arrived then the Standby person will start to make these calls) • Advise other standbys operating permits under rescue personnels control to remove their entrants. • Standby person and 1st aider to assist rescue personnel with entering the confined space • Rescuer to find entrant and assess his condition • Attach spreader bar and winch / pulley to entrants' harness • Instruct Standby person to start operating the winch under guidance from Rescue • Once entrant is out, 1st Aid Officer to administer CPR/First aid if necessary
Post Rescue Tasks	X	Standby to close space and permit Preserve scene for investigation. Complete incident report, give copy to head contractor. Contact Worksafe when possible.

Rescue Plan Read & Understood	
Rescue:	A Tuckey
Rescue:	
Standby:	SAMMY TIEN
Standby:	
Standby:	
Standby:	